

HiDHA[®] stick packs/sachets

Product application

Stick packs and sachets manufactured with Nu-Mega's HiDHA[®] powders can provide very high fortification levels of DHA with excellent sensory outcomes.

The encapsulation technology protects the polyunsaturated fatty acids (omega-3) from oxidation and ensures a stable product with a shelf life of 24 months.

DHA is an essential ingredient in supporting many functions from early childhood, including brain health and development, strong vision and good heart health. Stick packs and sachets are very convenient packaging solutions for liquids, gels and powders fortified with high levels of DHA.

Driphorm[®]

Driphorm[®] HiDHA[®] 360 (D307) has the highest concentration of marine-based DHA powder on the market. For children and adults with allergies or preferences for plant-based supplements, Nu-Mega Ingredients[™] also offers dairy-free Driphorm[®] HA HiDHA[®] 300 marine powder, and Driphorm[®] HA DHA-S[®] 200 algal powder which is dairy-free and vegan.

Just 0.9g of Driphorm[®] HA HiDHA[®] 300 can provide 250mg of DHA (+52mg EPA) per stick pack or sachet. Just one serving meets the European Food Safety Authority (EFSA) health recommendation for good brain health of 250mg DHA/day for children aged two to 18 years. EFSA also recommends a daily intake of 250mg of DHA in combination with EPA to maintain normal heart function in adults.



Nu-Mega Ingredients Driphorm[®] products for dry blend applications:

	0.7g	1g	1.5g
Driphorm[®] HiDHA[®] 360 (D307)	255mg ω3 (250mg DHA + 46mg EPA)	425mg ω3 (360 mg DHA + 65mg EPA)	638mg ω3 (540g DHA + 98mg EPA)
Driphorm[®] HA HiDHA[®] 300 dairy-free (S107)	200mg ω3 (193 mg DHA + 40.6 mg EPA)	333mg ω3 (275mg DHA + 58mg EPA)	500mg ω3 (412.5mg DHA + 87mg EPA)
Driphorm[®] HA DHA-S-200 vegan (S111)	140mg ω3 (134mg DHA + 4.7mg EPA)	200 mg ω3 (192 mg DHA + 7mg EPA)	300mg ω3 (288mg DHA + 11mg EPA)

Successful projects:

250mg DHA in a 15g stick pack, to be rehydrated in 250ml water for a lemon-flavoured drink.

Driphorm [®] HiDHA [®] 360 (D307)	Driphorm [®] HA HiDHA [®] 300 (S107)	Driphorm [®] HA DHA-S 200 (S111)
<ul style="list-style-type: none"> ✓ Microencapsulation technology delivers 60% oil load and 36% active DHA and 6.5% active EPA. 	<ul style="list-style-type: none"> ✓ Microencapsulation technology delivers 50% oil load and 30% active DHA and 6.2% active EPA. 	<ul style="list-style-type: none"> ✓ Algal oil from <i>Schizochytrium</i> sp. ✓ Microencapsulation technology delivers 50% oil load and 20% active DHA.

- ✓ Ultra-high DHA levels compared to similar products.
- ✓ Multiple product development opportunities for nutritional foods and beverages, including chewable and swallowable tablets, gummies, meal replacement and sports bars, bakery and dairy products.
- ✓ 24-month shelf life at ambient storage (10-25°C).

- ✓ Allows higher DHA fortification rates with no negative sensory impact.
- ✓ Key accreditations for worldwide applications (FSSC22000).
- ✓ All ingredients non-GMO by origin.
- ✓ Halal certified.

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